

Date: Sun, 26 Jun 94 04:30:17 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #204
To: Ham-Equip

Ham-Equip Digest Sun, 26 Jun 94 Volume 94 : Issue 204

Today's Topics:

 Alinco DJ580
 Azden 2 meter mobile tranceiver for sale
 FOR SALE: NEW KENWOOD TS-850S
 ICOM IC-2GXAT MODS?
 Mobile Antenna Help!
 n1qdq
 Rechargable Batteries
 yaesu FT-2500 mods?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 24 Jun 1994 20:15:58 GMT
From: psinntp!bnlux1.bnl.gov!natoli@uunet.uu.net
Subject: Alinco DJ580
To: ham-equip@ucsd.edu

In article <940617133300200@michaelr.com> ray.wade@michaelr.com (Ray Wade) writes:
> On 06-13-94 BRIAN DAVIS wrote to ALL...

----- lines deleted -----

> BD> state. When I press UHF both the uhf and vhf receiver work. when I
> BD> press HF i get no sound from vhf receiver but uhf receiver will monitor the
> BD> frequency it was last set to. I assume that my problem is "pilot
> BD> Brian
> BD> KC2RM
> With the radio off, reset it by holding down the function button (the
> button just above the press-to-talk on the left side), and turn on

>the power. This puts it back the way it came from the factory. This
>..... rest deleted

There has got to be a better way than this....but I haven't found it.....
Is Jay_Appell@cac.stratus.com still out there? If so HELP!!!!!!

Date: Sat, 25 Jun 1994 23:32:37 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!
csn!raney@network.ucsd.edu
Subject: Azden 2 meter mobile tranceiver for sale
To: ham-equip@ucsd.edu

Azden PCS-6000H 2 meter mobile tranceiver w/antenna

- 45 watts with 10W low power setting
- 20 channel memory with scan.
- Very easy to program.
- Wide frequency coverage (receive 118-135.995 MHz AM aircraft band, 140-173 MHz FM with transmit over 140-149.995 MHz).
- Built-in tone encoder, numeric keypad on mic
- Mobile antenna. Base loaded with 5/8 wave stainless whip.

Both are about 4 years old and in perfect working condition. I sold the truck they were in and don't plan to replace it.

The comparable current model is \$340 from Azden + about \$50 for the antenna from a mail-order company.

Will sell both for \$200, and I'll pay shipping anywhere in the U.S.

No risk purchase: charge it to your Visa, MasterCard or American Express card. If you're not satisfied, the credit card company will ensure that you get your money back.

Scott Raney
raney@csn.org
303-499-1109

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* Scott Raney 303-447-3936 Remember: the better you look, *
* raney@metacard.com the more you'll see -- Lidia *

Date: 26 Jun 1994 02:07:30 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!news.byu.edu!news@network.ucsd.edu
Subject: FOR SALE: NEW KENWOOD TS-850S
To: ham-equip@ucsd.edu

A friend of mine bought a Kenwood TS-850S HF Tranciever at the end of last November (1993). He passed his Technician license last September but it was lost by the FCC so he had to retake the exam (he lost his part too) and didn't end up getting his ticket until a few weeks ago. In that period of time the rig has just sat in a locked cabinet and has only been fired up twice (for TX) besides a little listening from time to time (he let me make a both of those contacts on it so he could see things in action). He also has the PS-52 Heavy Duty matching Power Supply to go along with it and the SW-2100 2Kw SWR Power meter from Kenwood as well. All of these things were purchased brand new and includes the original packaging and manuals. They are in BRAND NEW Condition. He is selling it because his Dad (who actually purchased it in anticipation of his own license and was loaning it to his son) realized that he needs the money and will reinvest in it in a year or two. I know, I know, it would seem a little short sighted but thats his decision. This Rig is an excellent rig (I own one too!). He is asking the following:

TS-850S HF Tranciever (No Internal Antenna Tuner
but can be added easily as an option) \$1250
PS-52 Heavy Duty Matching Power Supply \$230
SW-2100 2Kw SWR/Power Meter (Kenwood) \$120

He would Like to sell it locally (in order to avoid shipping charges) but if the buyer would pay for the frieght other arrangements could be made.

Please contact me by email if interested or by phone.

My phone number is (801) 371-2301. If not there PLEASE leave a message. Again, you can contact me by email as well.

--

Vince Hadley |
KA7GVQ |
hadleyv@bones.et.byu.edu |

Date: 25 Jun 1994 23:51:57 -0400
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!darwin.sura.net!
mailer.acns.fsu.edu!freenet3.scri.fsu.edu!freenet3.scri.fsu.edu!not-for-
mail@network.ucsd.edu
Subject: ICOM IC-2GXAT MODS?
To: ham-equip@ucsd.edu

Anyone out there have mods for the (relatively new) Icom IC-2GXAT?
I'd really appreciate them.

- - Allen - -

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^ ^ - - Allen "My reality check just bounced" Wright
* - - "These are my opinions. Who else would be crazy
o - - enough to think like this?" awright@freenet.fsu.edu

Date: Fri, 24 Jun 1994 22:09:00 GMT
From: ihnp4.ucsd.edu!agate!iat.holonet.net!michaelr!ray.wade@network.ucsd.edu
Subject: Mobile Antenna Help!
To: ham-equip@ucsd.edu

On 06-21-94 JESSE L WEI wrote to ALL...

JL> I'm not willing to punch a hole in the car. In fact, I'm still a
JL> college
JL> student and the title is in my *parents'* name, not mine.
JL>
JL> 1) What kind of mount should I use? Mag mount? will that damage the
JL> paint

Probably, over time. SOME (not all) mag mounts have a thin strip of
rubber (polyurathane?) on the bottom. Larson has them. Don't know about
other brands. Even the high quality Larson will eventually lose the
rubber coating due, I suspect, to high temps and sun degradation.

JL> if I take it off (I will probably keep the antenna in the trunk when
JL> not
JL> at use--I don't want it stolen or damaged) and put it on repeatedly?

JL> Trunk
JL> mount? Mirror mount is out of the question--nothing to clamp it to.
JL> I have
JL> a Toyota Camry. For the mag/trunk mount, how does the cable feed in?

It comes thru the crack between the body and the trunk lid (or door and
body). Usually, mag mounts are used for only a short time. Rental car
for example. In every case the large, soft "seal" found on any opening
in the car provides a cushion and does not damage the coax. I have used
the same RG-58U on three trunk lip mounts, 12 years total service.

JL> It
JL> seems that if it goes through a door or trunk joint, the cable will be
JL> pinched, at least a little, and after a while, quite a bit.

See above. How often do you open a trunk? In your case, maybe many. But not most folks. You may have an exaggerates idea of vandalism. At one time an extra antenna on a car was unusual. Not now. Look at all the cellular phones around. And all the commercial radio users.

JL>
JL> 2) What kind of connector is better? NMO or UHF? What is the
JL> difference
JL> (In performance, or strength, etc)?

NMO is a motorola type. Larson and others use them in their coils to screw onto the mount. It is the most common. Don't know what you mean by UHF.

JL>
JL> 3) What does spring/coil loading do in relation to performance?
JL> Broader
JL> bandwidth? Is there lowered performance vs. a whip b/c of inductive
JL> losses
JL> or anything like that?

Nobody uses a spring except for Diamond (I think?). And the Diamond spring type is typically used on their very long (60" plus?) dual banders. And of course on an HF antenna. You don't need one unless the antenna is LLOONNGG.

JL> 4) Is there any experience with ANLI Antenna Corp? They have have
JL> Model
JL> AT-2B Antenna "200W 1'10" Spring loaded 3/5.5 dBd. NMO
JL> (140-155/390-490 MHz)"
JL> that is relatively (to comet, diamond, etc) low price--\$40, no mount.
JL> No
JL> gain reference was stated.
JL>

JL> 5) What is the opinion on Diamond's and Comet's and Larson's dualband
JL> antennas (I have an Icom W21AT 440/2m ht)? What is the difference
JL> b/w
JL> Comet's FL/SB/B series antennas? Between Diamond's SG/NR antennas?
JL> (I
JL> don't know too much about Larson) Are the performance gains for the
JL> "higher-end" antennas of a company worth the price difference for
JL> those
JL> more "economical"--especially when they are rated in similar power
JL> ratings

JL> and gain.

How much gain do you need to hit a repeater? Not much, usually. As to power, unless you are planning to do "grid work" on SSB you don't have the right kind of radio anyway. You will find that either the talkie will be adequate or a small (25 watt) amp is plenty.

JL>

JL> 6) Recommendations? I am currently thinking to get the ANLI AT-2B +

JL> magmount

JL> for indoor use on a filing cabinet/cookie sheet because of it's short

JL> height

Make a dual band ground plane antenna out of coathanger wire. See the Handbook or an Antenna handbook. Costs nothing (except for the PL 259) and works great. Hang it from the ceiling with a piece of string and a thumb tack in the ceiling. Or a vertically polarized dipole (one band only). Scotch tape it (them) to the wall or to a closet door. You can even make a beam out of two or more and point it by swinging the door! Get a ARRL antenna handbook. Read it. Make something!

JL> --and I'd also use it as a scanner antenna when doing long (12 hour)

JL> drives.

JL> I'd also get a "higher performance" Diamond or Comet antenna

JL> exclusively for

JL> use on the car, as they are generally >3 feet long, plus mount. This

JL> would

JL> have to be easily removable, as drunk college kids may want such a

JL> cute

JL> antenna as a new addition to dorm decor! Or even sober ones. . .

JL>

JL> Thanks in advance for any help you can give--oh yeah, is Diamond's

JL> mounts

JL> worth the premium you pay for them?

JL>

JL> Thanks again!

JL>

JL> --jesse

Go buy yourself a trunk lip mount (mounts ON the trunk lip with setscrews on the bottom. No holes in the car at all. Or a L bracket mount (mounts AGAINST the side of the "well" surrounding the trunk). Or put it on the front alongside the hood. Uses two self tapping screws on the side of the well. Not visible from outside the car. The mount should have an NMO mount. Buy a dual band Larson antenna. The one about 3 feet long (2db gain on 2 meters, 4db on 440). Screw it on the mount. Run the coax thru the trunk to the passenger compartment. Route it under the carpet and the removable covers which clamp the carpet at

door openings. If you simply run it under the carpet and have lots of passengers stepping on the carpet (and thus the coax)....this is NOT good!

One caution using a handy talkie. The constant flexing of the antenna mount (BNC) by the coax and its end connector when you pick up the talkie will eventually cause the BNC on the talkie to loosen the solder joint (its not screwed down, except to the case) on the circuit board and cause an intermittent connection and finally failure. This is easily repaired, by disassembly of the talkie and resoldering, but why look for work? Also, the constant flexing of the coax will also cause the coax to fail. And don't load the whole thing up with a PL-259 and an adaptor. Put a genuine Amphenol silver plated BNC on the end of the coax. Yes I know they are hard to install and solder. Learn how. And forget those long antennas that you put on the talkie. For the same reason.

Instead mount the talkie some place convenient (where you can read the dial and work the controls). Velcro works nice. Get a speaker mike. If you don't like the sound, rework the speaker mike connector plug so the talkie speaker is used, or a remote speaker.

With a remote speaker you can put the talkie IN the arm rest box. You will find that you will settle down on one repeater, cause you like the

Date: 25 Jun 94 17:28:28 GMT
From: news-mail-gateway@ucsd.edu
Subject: n1qdg
To: ham-equip@ucsd.edu

Sri for the BW here. Pete, could you fill us in on the DSP-9. I'm taking a serious look here at DSP filters & are you on the net??
73's Robert WB5CRG w5robert@blkbox.com

Date: Fri, 24 Jun 1994 15:34:00 GMT
From: boulder!news.coop.net!news.den.mmc.com!news2!pogo.den.mmc.com!
boutell@uunet.uu.net
Subject: Rechargable Batteries
To: ham-equip@ucsd.edu

In article <01HDVJMU852E004V8B@BEACH.UTMB.EDU> Bren.Doreck@utmb.EDU (Bren Doreck) writes:

>I have been reading the Q&A about rechargable batteries in HT's, and have

>another question to throw into the arena. I once had a handheld CB from RS and
>in order to use rechargeables the manual said to use 2 dummy batteries that were
>supplied with the radio. It used 10 alkalines or 8 NiCd's + 2 dummy batteries.
>My question is two parts. Is this recommended because there is a higher
>current with the NiCd's, or am I missing something? The second part is, if
>dummy batteries are a necessity, would the same hold true for HT's?

>

>I don't see any reason that rechargeables couldn't be used in an HT. My
>alkaline pack holds 8 batteries, and I can get a 12V recharg, same voltage and
>should be about the same current. Correct me if I am wrong.

>

>Bren

>KC5GWA

I'm pretty sure you have this backwards. I too had a RS handheld CB many
years ago (OK I confess!!) and it called for 8 alk's or 10 NiCd's.

$8 * 1.5V(alk) = 12V$

$10 * 1.2V(NiCd) = 12V$

73, Russ (WD0FTF upgrading to advanced next week!!)

Date: 25 Jun 1994 13:34:16 -0600

From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!jobone!lynx.unm.edu!
triton.unm.edu!news-user@network.ucsd.edu

Subject: yaesu FT-2500 mods?

To: ham-equip@ucsd.edu

'm looking for extended TX mods for the FT-2500. I have not been
able to locate any in the usual places (new model?).

Please respond directly to me at: rmaes@carina.unm.edu

Thanks lynn

End of Ham-Equip Digest V94 #204
